

Title of Clerkship: Clinical Training for MD/PhD Students – Surgery

Elective Type: Clinical Elective Rotation (Fourth Year Elective)

Department: Department of Emergency Medicine

Clerkship Site: University Medical Center

Course Number: SURG 745

Blocks available: N/A

Number of students
per block: N/A

Faculty: Dept. of Emergency Medicine Faculty

Elective Description/
Requirements: In the summer after the second year of medical school, MD/PhD students will identify a clinical mentor who will be responsible for overseeing clinical training for the student during a portion of his/her graduate school phase of the program, and will provide formative and summative feedback concerning the development of clinical skills and a foundation for subsequent clinical clerkship training. The mentor and area of specialty interest may change during the course of the student's graduate school years, but changes should occur after the end of a semester.

Clinical Setting and Training: Students schedule specific hours (which may include evenings or weekends) with their clinical mentor. Patients will be assigned to the student for evaluation, and students will be involved in all aspects of emergency patient care, under direction of their clinical mentor or assigned Emergency Medicine attending. Students should see about one patient per hour of training. Either outpatient or inpatient experiences may be arranged, and under some circumstances it may be appropriate for the student to observe or assist in the surgical suite at the discretion of the mentor. Students are expected to document their patient encounters as appropriate, and should be given feedback on these notes. Students must keep a log of their patients, their diagnoses, and any procedures performed. An electronic logging system for patient experiences will be developed.

Student time commitment: Students are expected to spend 8 hours per month in clinical training. This can be divided into weekly 2 hour session, biweekly 4 hour sessions or an 8 hour day per month. Students are encouraged to discuss the most appropriate schedule with their laboratory mentor to ensure that the clinical experience does not interfere with graduate coursework or research progress. If students wish to limit their commitment to 4 hours per month, with permission of the course director, they should only sign up for one credit for that semester.

Student/Mentor Contract: The student/mentor relationship should be formalized in a brief contract in which both acknowledge their time commitment, as well as the student's research mentor (to ensure that the dissertation advisor understands that this is an essential part of the student's training). Completed contracts should be submitted to the MD/PhD Director and to Pat Munier. The clinical mentor is responsible for ensuring that the student has a high quality training experience, but need not be the attending physician for all patient experiences. The mentor is responsible for providing a grade (submitted through the clerkship director) and both formative and summative evaluations.

Credit:
MD/PhD Students enrolled in graduate school will sign up for 1 or 2 credit hours during the fall or spring term while enrolled in graduate school and 1 credit hour during the summer term, consistent with an average of 8 contact hours per month (2 hours per week). Students may earn a maximum of 4 credit hours per academic year. For every 6 hours of credit, 4 weeks of fourth year clinical elective credit will be granted. In the course of 3 years of graduate training, students may earn a maximum of 12 credits and thus be eligible for a maximum of 2 months of clinical elective credit. This credit should allow further flexibility in 4th elective scheduling, enabling additional research months, off site rotations, etc. If students require more than 3 years of graduate work, continued participation in the clinical training program is strongly encouraged, but no more than 2 months of elective time will be awarded.

Length of Clerkship: Longitudinal experience over the course of a full semester; see above.

Links to EPOs **Educational Course Objectives:**

1. Develop history taking and physical examination skills
2. Describe how to present a cogent history and physical to an attending physician.
3. Present the differential diagnosis, diagnostic work-up and management for common surgical problems.
4. Relate patient presentations and treatments to basic pathophysiology and pharmacology.

Professionalism: UT/COM students will meet or exceed the institutional standards for professionalism as stated in the current Educational Program Objectives and the current Educational Course Objectives for the Department of Surgery.

Instructional Methods: Student interviews and examines patients, followed by presentation to faculty and clinical teaching on each case. Additional reading or write-ups at the discretion of the clinical mentor.

Evaluation methods employed:

Students will undergo formative evaluation on a monthly basis, documented by a brief form signed by both the mentor and student. This feedback will not be used for grading purposes. Summative evaluation will occur at the end of each semester by the clinical mentor, both by providing a grade (S/U) to the Registrar for the course, and by filling out an evaluation form to be sent to Pat Munier at the Office of Undergraduate Clinical Education and to the MD/PhD Program Director. This form will assess Cognitive/Performance Skills (ability to

perform a H&P and present to the attending) and Professionalism (promptness and consistency of attendance, appropriate attire, etc.). Students repeatedly lacking in these areas should not be awarded elective credit for their rotation. The student will receive a copy of this evaluation and is urged to discuss any issues with the clinical mentor. Copies of the records of student participation and performance evaluations will be kept by the Office of Undergraduate Clinical Education.

Prerequisites:

Successful completion of all preclinical coursework and passing Step I of the USMLE examination

Clerkship Director:

Marlene Welch, M.D. The Clinical Mentor will take responsibility for the quality of the educational experience and evaluation of student performance, complete the evaluation form and provide the grade to the clerkship director.

Clerkship Coordinator:

Claudia Davis

Phone Number:

419.383.3580

Email:

claudia.davis@utoledo.edu

Special Requirements:

On-line logging of patient experiences and hours spent, as well as faculty evaluation of students, needs to be arranged through IT support services.

AAMC Hot Topics

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Elective Clerkship: